

## ABSTRACT OF THE DISCLOSURE

An Mn-Zn ferrite includes base components of 44.0 to 49.8 mol % Fe<sub>2</sub>O<sub>3</sub>, 4.0 to 26.5 mol % ZnO, at least one of 0.1 to 4.0 mol % TiO<sub>2</sub> and SnO<sub>2</sub>, 0.5 mol % or less Mn<sub>2</sub>O<sub>3</sub>, and the remainder consisting of MnO, and contains 0.20 (0.20 excluded) to 1.00 mass % CaO as additive. Since the Mn-Zn ferrite contains less than 50 mol % Fe<sub>2</sub>O<sub>3</sub> and a limited amount (0.5 mol % or less) of Mn<sub>2</sub>O<sub>3</sub>, an abnormal grain growth does not occur even if CaO content is more than 0.20 mass %, and a high electrical resistance can be gained. And, since an appropriate amount of TiO<sub>2</sub> and/or SnO<sub>2</sub> is contained, an initial permeability is kept adequately high, whereby an excellent soft magnetism can be achieved in a high frequency band such as 1 MHz.